



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

VIA UPS

Mr. Reza Ajalli, P.E.
Environmental Manager
ArcelorMittal Plate
139 Modena Road
Coatesville, PA 19320

Re: Notice of Violation
Compliance Evaluation Inspection
April 8, 2015
EPA ID No. PAD002326908

Docket Number: R3-15-NOV-RCRA-22

Dear Mr. Ajalli:

On April 8, 2015, the U.S. Environmental Protection Agency, Region III ("EPA") conducted a Compliance Evaluation Inspection ("CEI") under the Pennsylvania Solid Waste Management Act (SWMA), as amended, 35 P.S. 6018.101 - 6018.1003, and the Resource Conservation and Recovery Act ("RCRA"), as amended, 42 U.S.C. Sections 6901 et seq. at your facility. A copy of the inspection report is enclosed. Based on that inspection and/or review of other pertinent information, EPA has determined that ArcelorMittal Plate LLC (the Facility) is violating regulations promulgated under the Pennsylvania SWMA and RCRA. As a result of this finding, the Agency is issuing this **Notice of Violation (NOV)**. The specific violation is:

1. Universal Waste batteries were observed (Photos #10 & #11) to be stored in an undated container in violation of 25 PA 266b [40 CFR 273.15(c)].


The e-mail you sent on 4/8/15 documents that the violation was corrected on the same day after the inspector had left the facility; therefore, no response to this NOV is necessary.

Section 3008(a) of RCRA authorizes EPA to take an enforcement action whenever it is determined that any person has violated, or is in violation, of any requirement of RCRA as amended. Such an action could include a penalty of up to \$37,500 per day of violation. In addition, failure to achieve and maintain compliance with the regulations cited in this NOV may be treated as a repeated offense and may constitute a "knowing" violation of Federal law.

This NOV is not intended to address all past violations, nor does it preclude EPA from including any ongoing, including the one cited in this letter, or past violations in any future enforcement action. Response to this NOV shall be addressed to:

Kenneth J. Cox
Land and Chemicals Division (3LC70)
U.S. Environmental Protection Agency - Region III
1650 Arch Street
Philadelphia, PA 19103

With regard to the Small Business Regulatory Enforcement and Fairness Act (SBREFA), please see the "Information for Small Businesses" memo, enclosed, which might be applicable to your company. This enclosure provides information on contacting the SBREFA Ombudsman to comment on federal enforcement and compliance activities and also provides information on compliance assistance. As noted in the enclosure, any decision to participate in such program or to seek compliance assistance does not relieve you of your obligation to respond in a timely manner to an EPA request or other enforcement action, create any rights or defenses under law, and will not affect EPA's decision to pursue this enforcement action. To preserve your legal rights, you must comply with all rules governing the administrative enforcement process. The Ombudsman and fairness boards do not participate in the resolution of EPA's enforcement action. EPA has not made a determination as to whether or not you [or your company] are covered by the SBREFA.



Carol Amend, Associate Director
Land and Chemicals Division
Office of Land Enforcement

May 20, 2015
Date

Enclosure

~~cc: K. Cox (3LC70) w/o enc.~~

M. Gross, PADEP (Central Office) w/enc.

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Your driver will pickup your shipment(s) as usual.

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KEN COX 215-814-3441 US EPA 1650 ARCH ST PHILADELPHIA PA 19103	1.0 LBS LTR 1 OF 1
SHIP TO: MR. REZA AJALLI, P.E., ENV. MGR. ARCELOMITTAL PLATE 139 MODENA ROAD COATESVILLE PA 19320-4036	
PA 193 9-08 	UPS NEXT DAY AIR TRACKING #: 1Z A43 F71 A2 9780 3782 
BILLING/P/P ADDITIONAL SIGNATURE REQUIRED-MIN 21	
CS 17.1.07. WNTNVS0 63.0A 04/2015	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1350 Arch Street
Philadelphia, Pennsylvania 19103-2029

Ms. Melissa Gross, Chief
Hazardous Waste Compliance and Enforcement
Department of Environmental Protection
Rachel Carson Building
P.O. Box 8763
Harrisburg, PA 17105-8763

May 7, 2015

RE: RCRA Notice of Violation
ArcelorMittal Plate LLC
Coatesville, PA 19320
PAD002326908

Dear Ms. Gross:

The U.S. Environmental Protection Agency Region III is pursuing the issuance of a Notice of Violation (NOV) to ArcelorMittal Plate in Coatesville, PA pursuant to the Resource Conservation and Recovery Act (RCRA) as amended by the Hazardous and Solid Waste Amendments (HSWA) of 1984. The NOV will address violations of RCRA Subtitle C.

I appreciate your cooperation in this matter and look forward to your continued efforts toward a successful enforcement program. Should you have any questions regarding this matter, please contact me at (215) 814-5430 or Ken Cox at (215) 814-3441.

Sincerely,

A handwritten signature in black ink that reads "Carol Amend".

Carol Amend, Associate Director
Land and Chemicals Division
Office of Land Enforcement

cc: K. Cox, 3LC70 ✓

INSPECTION REPORT

for

RCRA Subtitle C

at

ARCELORMITTAL PLATE LLC.

139 Modena Road

Coatesville, PA 19320

PAD002326908

LQG

Inspection Date

April 8, 2015

Kenneth J. Cox
Land and Chemicals Division
April 20, 2015

ArcelorMittal Plate LLC.
139 Modena Road
Philadelphia, PA 19114

Inspectors: Kenneth J. Cox, EPA Region III, RCRA Enforcement Officer (215-814-3441)
Eric Greenwood, EPA Region III, RCRA Enforcement Officer (215-814-2057)

Facility Representatives:

Reza (Ray) Ajalli, P.E. – Environmental Manager (610-383-2097)

BACKGROUND

The Environmental Protection Agency (EPA) Region III targeted ArcelorMittal Plate LLC. (the Facility), for inspection during FY 2015. The unannounced inspection was coordinated with the Pennsylvania Department of Environmental Protection (PADEP) two weeks prior to the inspection, but no PADEP inspector was present during the onsite inspection.

The inspectors entered the facility at 9:00AM. We were met by Mr. Ajalli at the visitors' reception area where we signed in. We proceeded to Mr. Ajalli's office in another area of the plant where the inspectors identified themselves and showed their credentials. We explained the purpose of the visit was to conduct a RCRA hazardous waste compliance inspection. Mr. Ajalli expressed concern over taking pictures inside the process area. Both parties agreed to limit pictures to hazardous waste units. All information included in this report is the result of statements by the facility staff or direct observation.

CURRENT OPERATIONS

This facility is the oldest continuously active steel mill in the United States having been initially built in 1810. Until recently the mill was owned and operated by Luken Steel. The mill is located on a large (<1000 acres) site which is divided by public roads into three parcels: steel making, rolling, and finishing. Many areas are inactive because of reduction in the volume and types of the current production. Currently the facility employs 900 people who work in three shifts, five days a week, plus long term and short term contractors.

PROCESS DESCRIPTION

This facility's production is limited to melting scrap iron in a 165 ton electric arc furnace (EAF) and then transferring the molten metal to a ladle refining furnace (LRF) where alloys and steel chemistry are adjusted before casting into either slabs or large ingots. The ingots are either

later rolled into plates at this facility or shipped to an ArcelorMittal rolling mill in nearby Conshohocken, PA. Plate thickness varies from 3/16" to 14" and up to 136" wide and 1000" long. The facility also has the capacity to heat treat plates to develop desired characteristics in the finished product.

Until recently (November 2014) the facility had a cadmium/nickle cladding (plating) process which generated a waste acid and rinsewater. That process equipment has been deactivated and "mothballed" until a future need arises. There is no other acid used at the facility. Mill scale is removed just before rolling by high pressure water jet spray.

WASTE GENERATION

Baghouse dust from the electric arc (K061) is by far the largest waste stream. Ten to fifteen truck loads a week are shipped to Horsehead Corporation in Palmerton, PA. There are several other baghouses from ancillary mill operations that generate unlisted dust at a much lower rate. Those shipments go to Enviroline in York, PA as characteristic hazardous waste.

Minor volumes of waste are generated from maintenance, such as paint wastes, and several satellite aerosol can puncturing units located around the facility. Universal waste lamps and batteries are stored in one location and managed by Safety Kleen. Safety Kleen also services part washers with non-hazardous solvents.

OBSERVATIONS

The inspectors started the inspection by going to the melt shop where the electric arc furnace is located. On the way, the inspectors observed the baghouse and loading area for the ambient air ventilation system from the melt shop (Photo #1). There was no truck load at the time of the inspection. The area was clean and well maintained. This baghouse collect about 5% of the total dust at the facility. From this location we observed the large duct coming from the melt shop and furnace (Photo #2).

The inside the melt shop there are no wastes generated aside from the emissions that are routed directly to the baghouses across the rail yard so the inspector proceeded outside the area where the EAF dust is loaded (Photo #3). The loading area for this baghouse was also very clean with no fugitive dust visible. There is a vac-truck and a rolloff box that combined to serve as a giant vacuum cleaner for keeping the area clean. The rolloff (Photo #4) is labeled as hazardous waste (K061) and dated 3/18/15. As the inspectors were leaving the area an empty truck was backing in to be loaded with EAF dust (Photo #5).

Another baghouse is associated with the alloying conditioning area (Photo #6) where slabs and plates are cut to size. The rolloff box which received waste from the silo was labeled

hazardous waste (D007) and dated 3/19/15. This rolloff is only shipped every 6 weeks.

There are aerosol can "deflators" (Photos #7 & #8) puncturing devices located in 8 to 10 locations throughout the facility. The drums of waste are managed as satellite accumulation areas.

Universal wastes are stored in the storeroom area (Photo #9). A recent pickup by Safety Kleen left only new bulbs on the racks. All the other containers were empty except for a small black bucket (Photos #10 & #11) and a taller yellow container (Photo #12). All of the containers were labeled Universal Waste but the black bucket was not dated. The yellow container, dated 10/26/14, contained all alkaline batteries which are not hazardous.

RECORDS REVIEW

The inspectors then went to a Mr. Anjalli's office where requested files were reviewed.

TRAINING – ArcelorMittal covers all employees plant wide with a limited number of job classifications. A company policy document dated 9/20/12 (Attachment A) designates those employees who have hazardous waste responsibilities and therefore need hazardous waste training, primarily by the location where they work and secondarily by job classification and assignment. The training is a combination of a video and a site specific slide presentation (Attachment B). Attendance records are kept for each training session (Attachment C).

CONTINGENCY PLAN – The Contingency Plan is a large multi-purpose document which covers all media and emergency situations. Copies of some of the hazardous waste related topics are in Attachment D. ArcelorMittal maintains its own fire department, Haz-Mat, and EMS teams which train routinely and hold joint exercises with local emergency responders.

MANIFESTS – Manifests are filed by the waste type. With over 500 manifests a year for EAF baghouse dust alone, the inspector picked random folders over the last two years for review. All manifests reviewed were found to be complete. Manifests for typical waste streams are in Attachment E.

EXIT CONFERENCE

Prior to departing the facility, the inspectors reviewed the preliminary findings of the inspection.

SUBSEQUENT COMMUNICATION

After the inspectors departed, Mr. Ajalli e-mailed a copy of the Bill of Lading for the last shipment of Universal Waste lamps and a photograph of the date on the container of batteries which was observed to be missing earlier (Attachment F).



Photo #1 – Shilo and loading station for dust from melt shop ventilation baghouse on right.

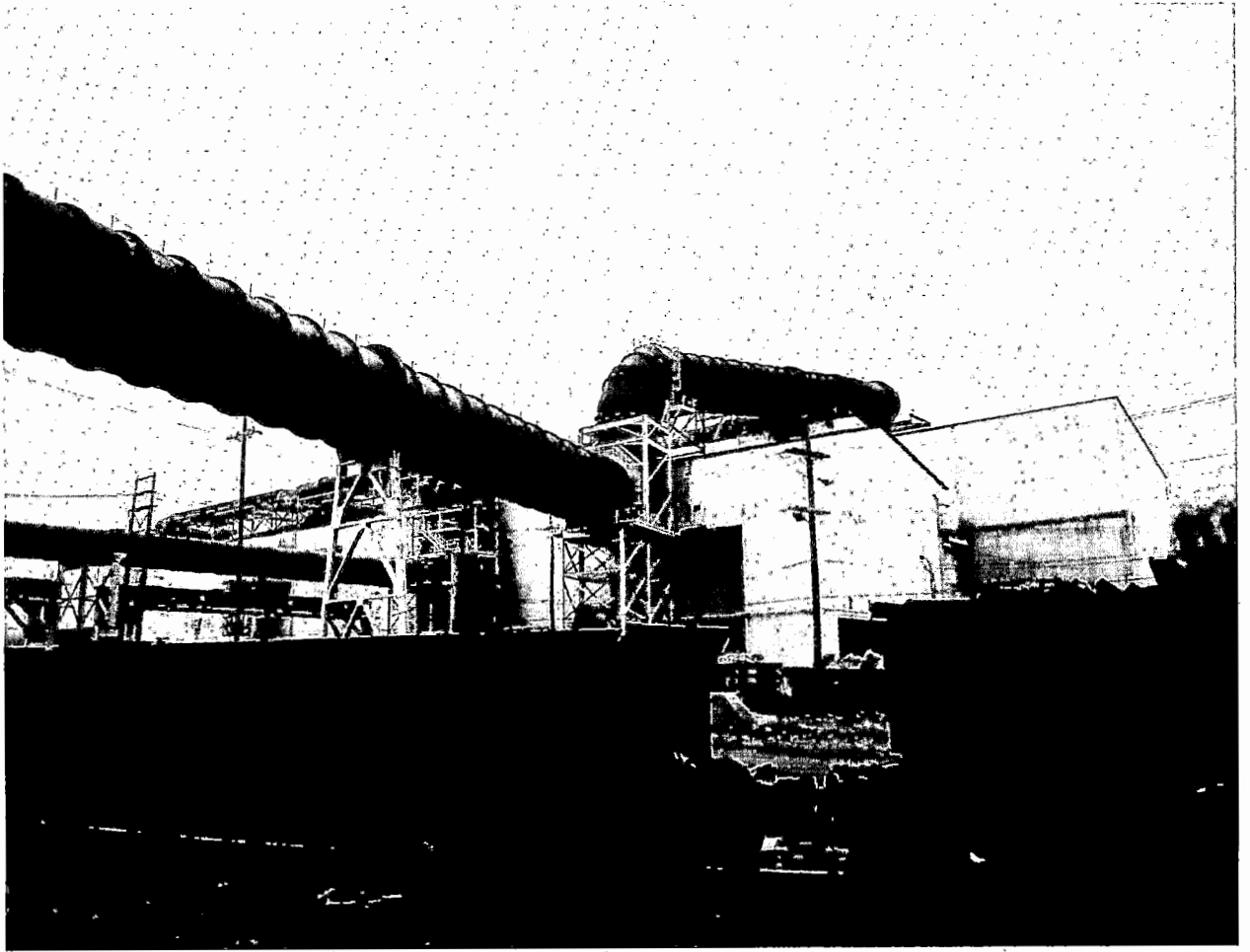


Photo #2 – Flue dusts from melt shop. The large duct in foreground is from the ventilation system and the smaller one to the left carries the EAF dust from the furnace.



Photo #3 – Shilo and loading station from EAF dust baghouse.

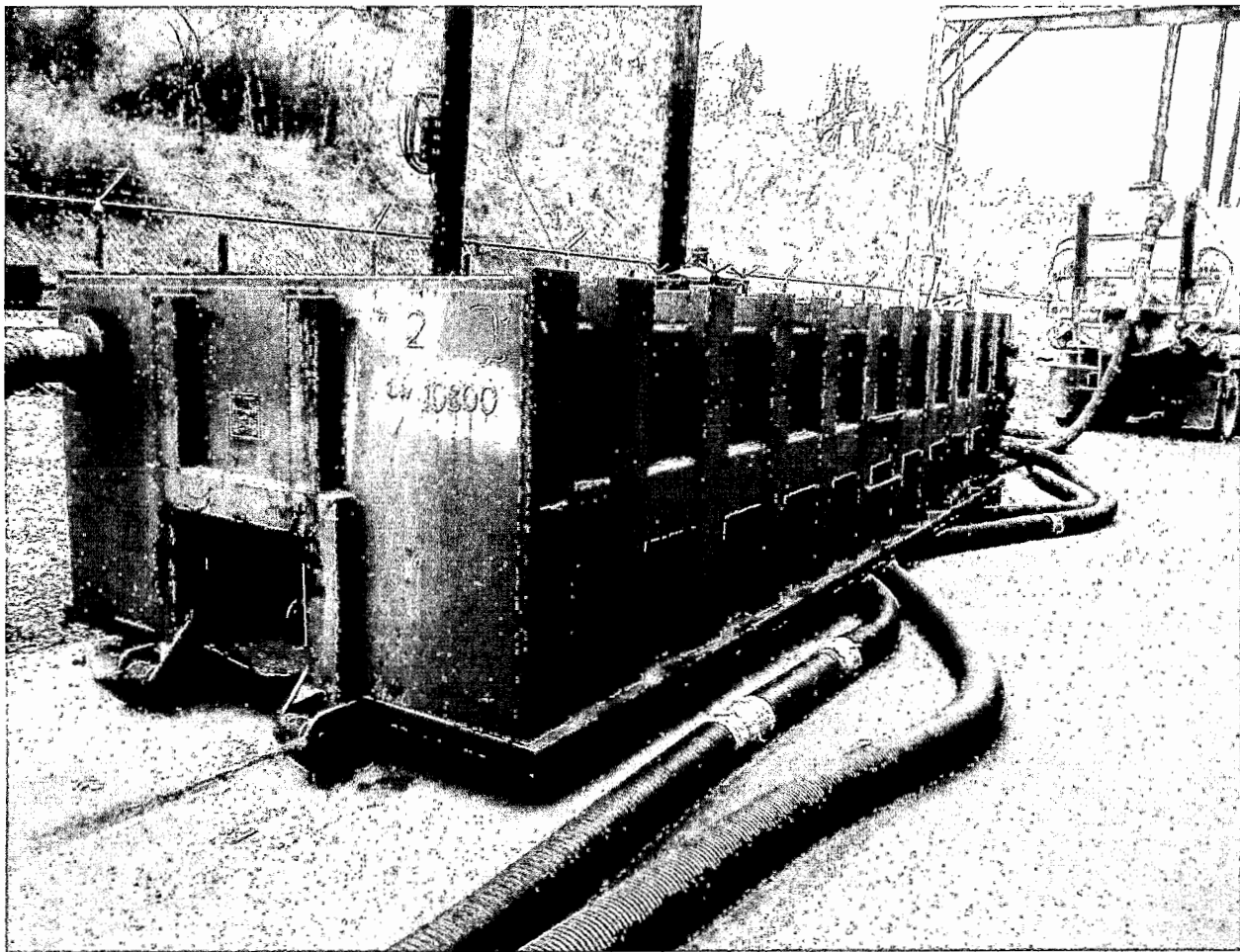


Photo #4 – Vacuum box for storage of fugitive EAF dust from loading operation. Labeled hazardous waste and dated 3/18/15.



Photo #5 – EAF dust ready for loading into transporter trailer.



Photo #6 – Dust collection rolloff box from the Alloy Conditioning Area is labeled hazardous waste (D007) and dated 3/19/15.

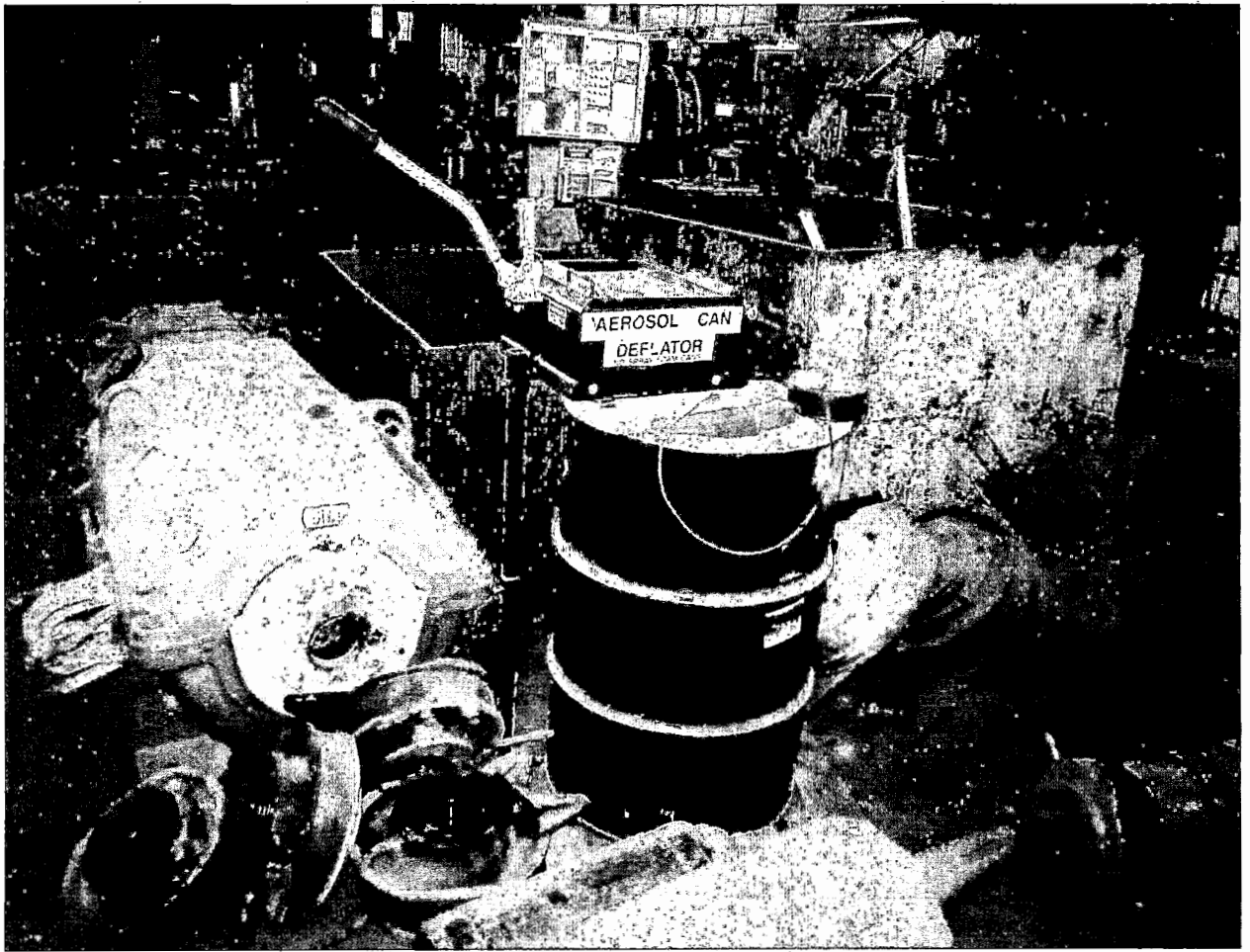


Photo #7 – Aerosol can puncturing device and satellite accumulation drum.

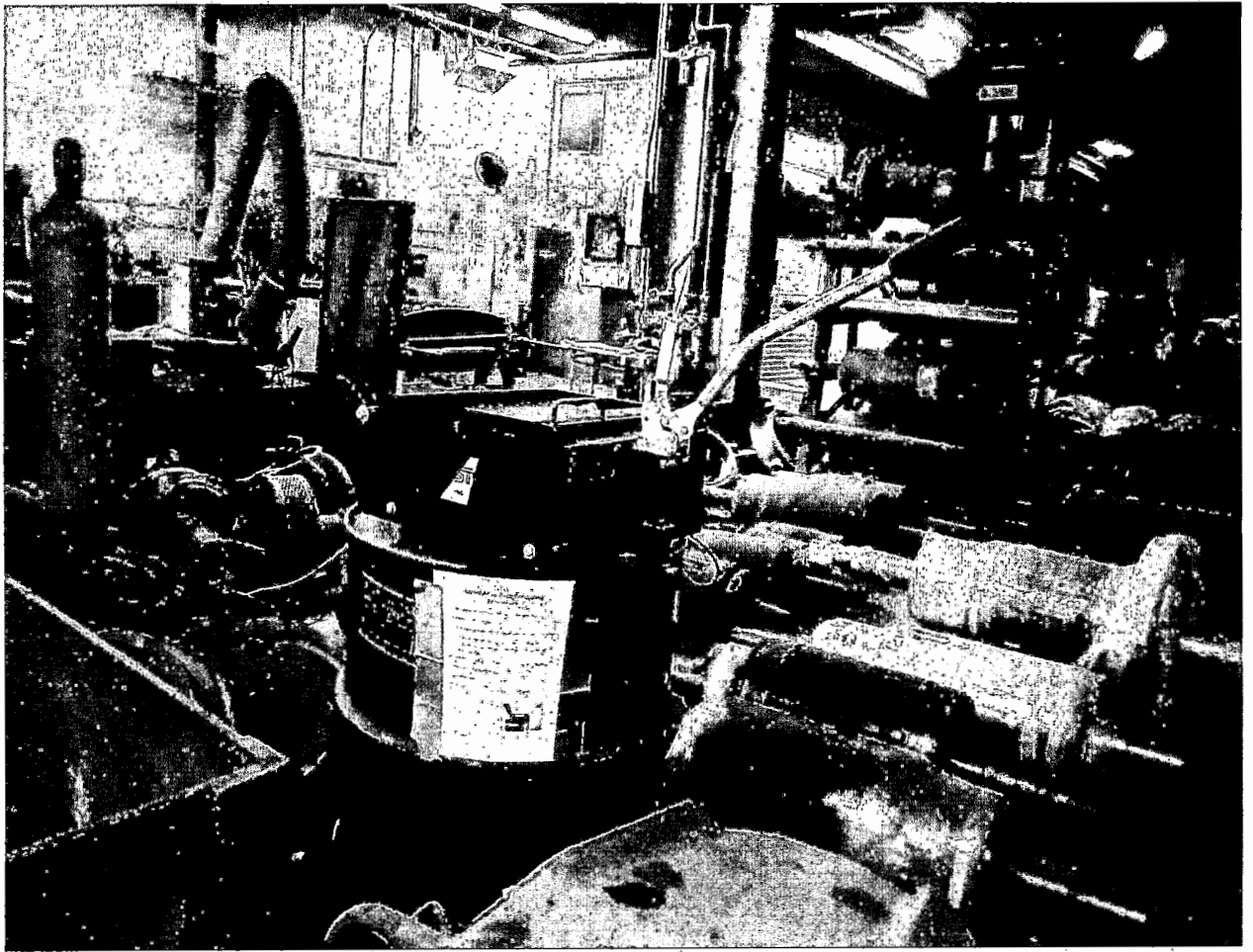


Photo #8 – Same drum as Photo #7 but showing hazardous waste label and operating instructions.



Photo #9 – Universal waste storage area. All containers on the floor were empty except for two containers of batteries. The boxes on the shelving unit were verified to be new bulbs.

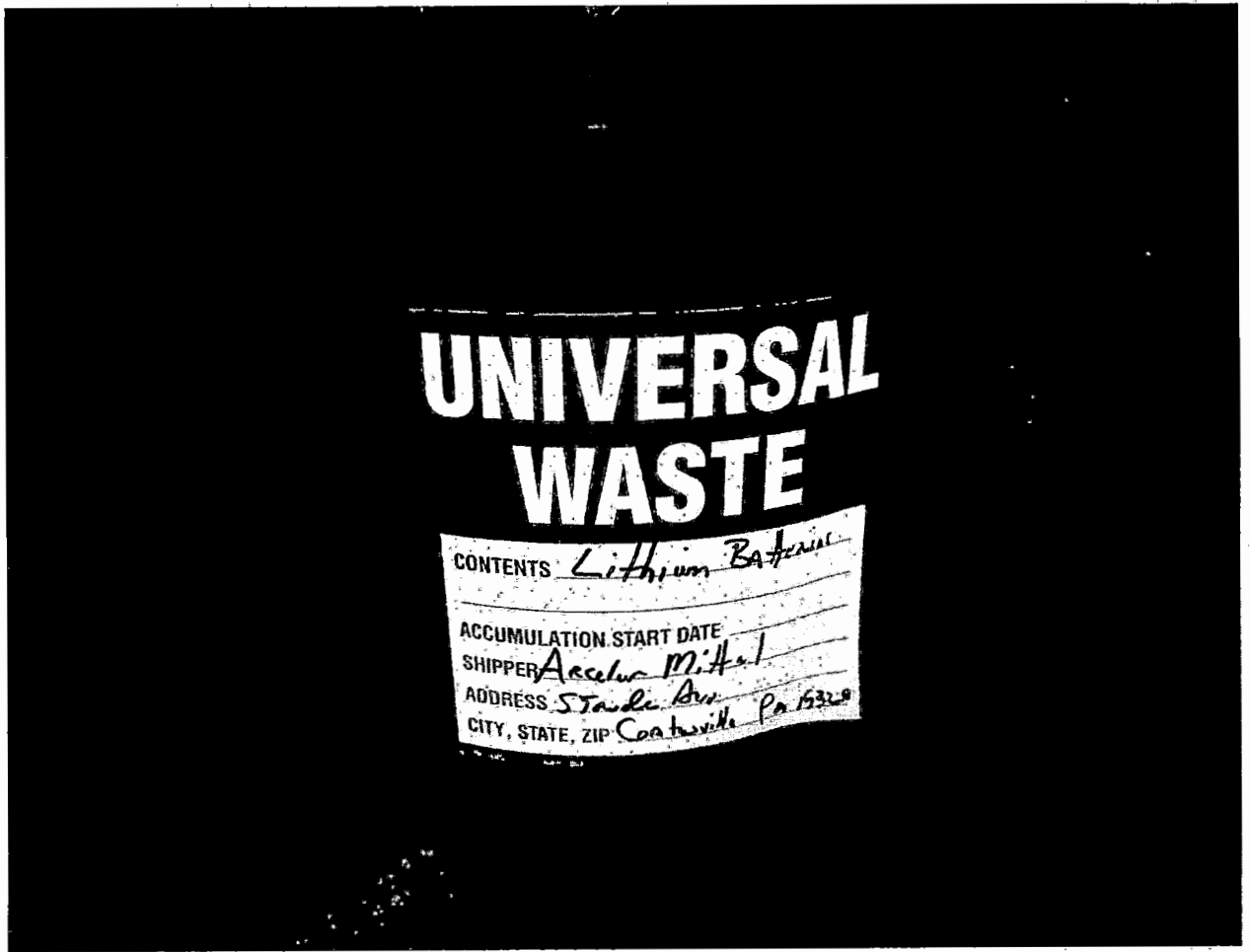


Photo #10 – Undated container of lithium batteries.

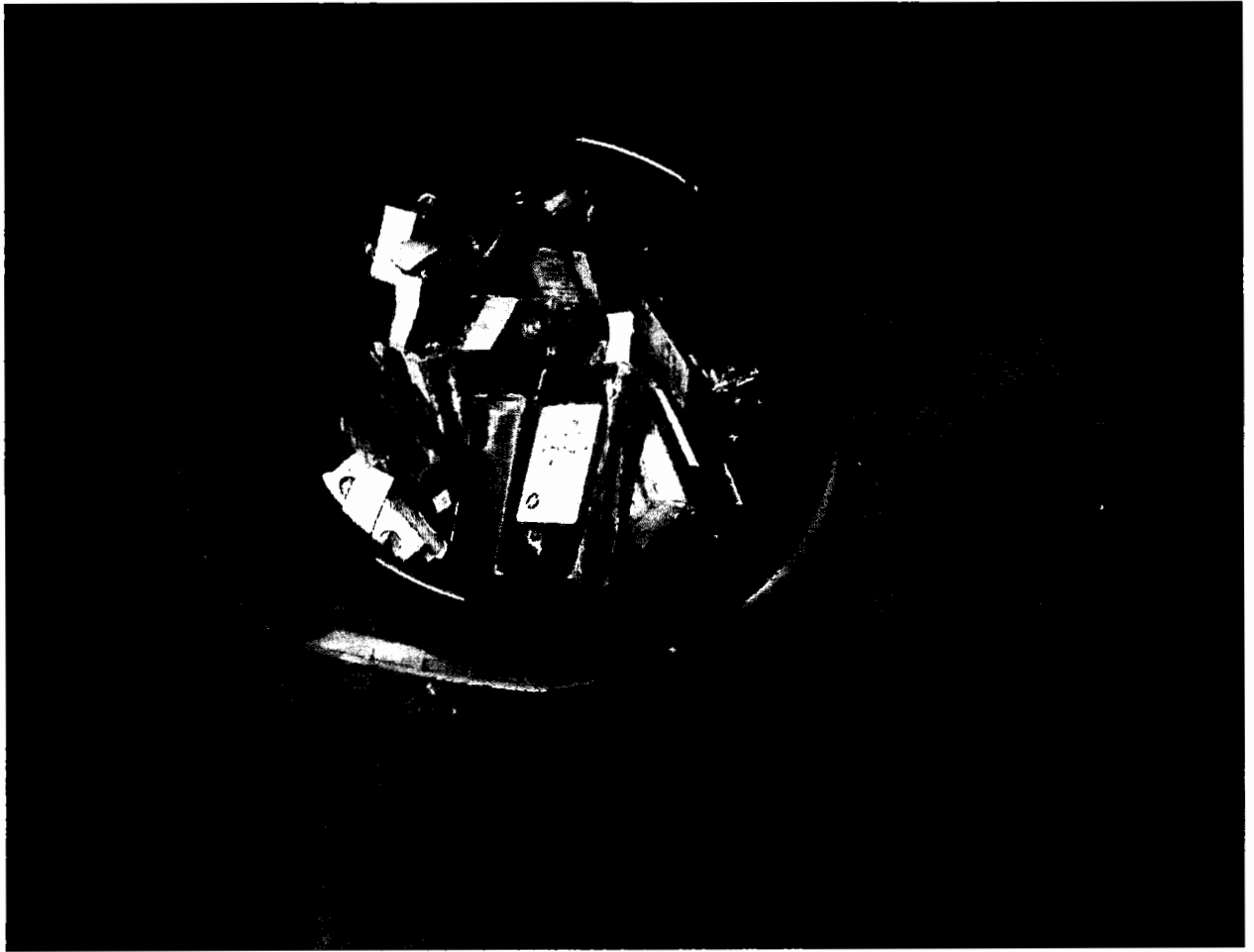


Photo #11 – Lithium batteries in undated container shown in Photo #10.

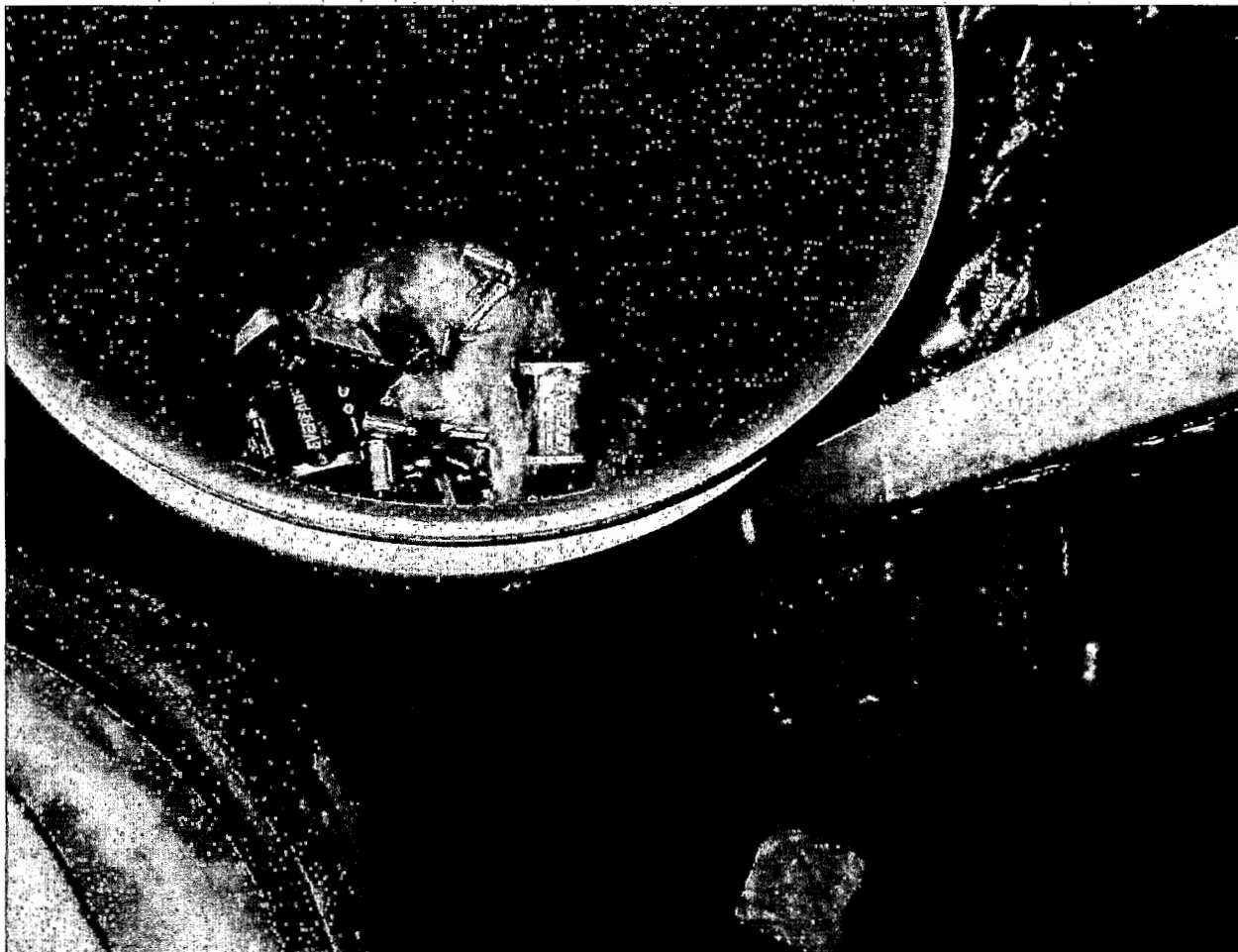


Photo #12 – Contents of container of batteries which was labeled and dated 10/26/14.